

In the claims:

Listing of Claims:

1. (currently amended) A cylinder liner for insert casting, having a plurality of projections each having a constriction on an outer circumferential surface, wherein the cylinder liner ~~is characterized by satisfying~~ satisfies the following requirements (i) to (iv):

(i) the height of projections is in a range between 0.5 mm and 1.0 mm, inclusive;

(ii) the number of the projections is in a range between 5 and 60, inclusive, per cm² on the outer circumferential surface;

(iii) a ratio S1 of area of a region that is encircled by a contour line of a height of 0.4 mm is no less than 10% in a contour diagram of the projections, the diagram being obtained through measurement of the outer circumferential surface along the height direction of the projections with a three-dimensional laser measuring device; and

(iv) a ratio S2 of area of a region that is encircled by a contour line of a height of 0.2 mm is no more than 55% in a contour diagram of the projections, the diagram being obtained through measurement of the outer circumferential surface along the height direction of the projections with a three-dimensional laser measuring device.

2. (currently amended) A cylinder liner for insert casting, having a plurality of projections each with a constriction on an outer circumferential surface, wherein the cylinder liner ~~is characterized by satisfying~~ satisfies the following requirements (i) to (iv):

(i) the height of projections is in a range between 0.5 mm and 1.0 mm, inclusive;

(ii) the number of the projections is in a range between 5 and 60, inclusive, per cm² on the outer circumferential surface;

(iii) a ratio S1 of area of a region that is encircled by a contour line of a height of 0.4 mm is in a range between 10% and 50%, inclusive, in a contour diagram of the projections, the diagram being obtained through measurement of the outer circumferential surface along the height direction of the projections with a three-dimensional laser measuring device; and

(iv) a ratio S2 of area of a region that is encircled by a contour line of a height of 0.2 mm is in a range between 20% and 55%, inclusive, in a contour diagram of the projections, the diagram being obtained through measurement of the outer circumferential surface along the height direction of the projections with a three-dimensional laser measuring device.

3. (currently amended) The cylinder liner for insert casing according to claim 1,
~~wherein or 2, characterized in that:~~ regions each encircled by a contour line of the height of 0.4 mm are independent from each other in the contour diagram, and the area of regions each encircled by a contour line of the height of 0.4 mm is in a range between 0.2 mm² and 3.0 mm², inclusive.

- 4. (canceled)
- 5. (canceled)
- 6. (canceled)
- 7. (canceled)
- 8. (canceled)

9. (New) The cylinder liner for insert casing according to claim 2, wherein regions each encircled by a contour line of the height of 0.4 mm are independent from each other in the contour diagram, and the area of regions each encircled by a contour line of the height of 0.4 mm is in a range between 0.2 mm² and 3.0 mm², inclusive.